					Docket Number (Optional) Application Number NAG-10302/50 10/523,751					
P ENFORMATION DISCLOSURE CITATION				Applicant(s) Alessandro Abbotto et al.						
70	42	(Use several sheets if necessar	(אר		Filing Date Group Art Unit					
2ED 2 R 2005 W				02/09/2005		1	625			
33/3		<i>§</i> /	U.S.	. PATENT	DOCUMENTS	··-				
· EXCEPTION	E P	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	l			<u>. </u>						
					<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>					
				<u> </u>	H-41					
								-		
			U.S. PATENT	C APPLICA	ATION PUBLICATIONS	·•	<u> </u>			
•EXAMINER INITIAL	ref	DOCUMENT NUMBER	DOCUMENT NUMBER DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
		·								
			FORE	IGN PATE	NT DOCUMENTS	·		,		
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation YES NO		
	-								"	
			OTHER D	OCUMEN	TS (Including Author	, Title, Date, P	ertinent Pages, E	(c.)		
W. Kaiser and C.G. B. Garrett; Two-Photon Excitation in CaF _{2:Eu} ² Bell Telephone Laboratories, Murray Hill, NJ September 15, 1961 Vol. 7, No. 6										
/J.M./		W. Denk, J. Strickler an Engineering Physics; Ap	d W. Webb; Two oril 6, 1990	-Photon I	Laser Scanning Fluorescen	ce Microscop	y; School of Ap	plied and	,	
		٠.						•		
EXAMINE	R	/John Mabry/ (11/12/200	07)		DATE CONSIDERED					
		al if citation considered, whether colude copy of this form with next of			nce with MPEP Section 609; D	raw line thro	ugh citation if no	in conform	ance and	

		Docket Number (Optional)	Application Number						
		NAG-10302/50	10/523,751						
P E UNFOR	MATION DISCLOSURE CITATION	Applicant(s) Alessandro Abbott, et al.							
/\$~	(Use several sheets if necessary)	Filing Date	Group Art Unit						
2 8 2005 B		02/09/2005	1625						
EXAMINER &	OTHER DOCUMENTS (Including Author, Ti	itle, Date, Pertinent Pages, Etc.)							
INITIANS TO THE PARTY OF THE PA	B. Cumpston et al.; Two-photon polymerization in	nitiators for three-dimensional optical	data storage and microfabrication;						
/J.M./									
/J.M./	J.E. Ehrlich et al.; Two-photon adsorption and brono. 24 December 15, 1997	oadband optical limiting with bis-don	or stilbenes; Optics Letters, Vol. 22,						
/J.M./	D. Day et al.; Use of two-photon excitation for erasable-rewritable three-dimensional bit optical data storage in a photorefractive polymer; Optics Letters, Vol. 24, No. 14; July 15, 1999								
/J.M./	A. Abbotto et al.; Heterocycle-based materials for	A. Abbotto et al.; Heterocycle-based materials for frequency-upcpnverted lasing; Synthetic Metals 121 (2001) 1755-1756							
/J.M./	A. Abbotto et al.; Push-pull organic chromophores for frequency-upconverted lasing; Advanced Materials, 2000, 12, No. 24, December 15								
/J.M./	K. Belfield; Near-IR two-photon photoinitiated polymerization using a fluorone/amin inititating system; American Chemical Society, 2000 122, 1217-1218								
/J.M./	Goppert-Mayer, Maria. Annalen der Physik (1931 Elementary processes with two quantum jumps.	1), 9 273-94							
		•							
			,						
	•								
EXAMINER	/John Mabry/ (11/12/2007)	DATE CONSIDERED							

INFORMATION DISCLOSURE MATION (Use several sheets if neces

ATTY DOCKET NO.

107923751

NAG-10302/50
APPLICANT(S)
ABBOTTO, et al. DT0

c'd PCT/PTO 0 9 FEB 2005

		,			FILING DATE		GROUP ART U	NIT				
				_	February 9	9, 2005						
			U.	.S. PATEN1	DOCUMENTS							
'EXAMINER INITIAL		DOCUMENT NUMBER	DATE	•	NAME	CLASS	SUBCLASS	FILING DATE				
												
-				 								
							 					
	<u>. </u>		U.S. PATE	NT APPLIC	ATION PUBLICATION			<u> </u>				
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
								11 71 7 101	NATE			
									· -			
									·			
			FOR	EIGN PATE	NT DOCUMENTS							
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION				
/J.M.	,	WO 01/70735 A1	09/27/2001	РСТ				YES	NO			
								<u> </u>				
							<u> </u>		<u> </u>			
 							 					
				 	· · · · · · · · · · · · · · · · · · ·				 			
		OTHER DOCUME	NTS (Includir	l ng Author,	Title, Date, Pertine	ent Pages, Etc.)	J	<u></u>	<u></u>			
		Bradamante, et al. "He				-		t 1" Journ	al of			
/J.M.i		Bradamante, et al. "Heterocycles As Donor And Acceptor Units In Push-Pull Conjugated Molecules. Part 1" Journal of Physical Organic Chemistry, Vol.10, pp.514-524, 1997.										
/J.M./		Kornilov, et al. "Intera Ukrainskii Khimicheski	Kornilov, et al. "Interaction of Chromophores In Symmetrical 2,5-Substituted Derivatives of Furane and Thiophene" Ukrainskii Khimicheskii Zhurnal, Vol. 40, no.5, pp. 503-506, 1974.									
EXAMINE	R /J	 ohn Mabry/ (11/12/2007	<u>')</u>		DATE CONSIDERED							
*EXAMINE		if reference considered, wheth	<u> </u>	s in conform	ance with MPEP 600.	Oraw line through ci	tation if not in o	onformance	and not			

Form PTO-A820 (also form PTO-1449)

considered. Include copy of this form with next communication to applicant.

P09C/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE KATION (Use several sheets if neces

ATTY DOCKET NO. NAG-10302/50

57523751

ABBOTTO, et al. DT05

d PCT/PTO 0 9 FEB 2005

FILING

GROUP ART

				rebruary 9, 20	705				
			U.S	S. PATENT DOCUMENTS					
'EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
				•					
			U.S. PATEN	IT APPLICATION PUBLICATIONS					
*EXAMINER INITIAL		. DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
							!		
		•							
					•				
			FORE	IGN PATENT DOCUMENTS	·•	* · · · · · · · · · · · · · · · · · · ·			
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA YES	NO	
							123	NO	
									
		· · · · · · · · · · · · · · · · · · ·				<u> </u>			
		OTHER DOCUME	NTS (Including	g Author, Title, Date, Pertinent	l Pages, Etc.)	t	<u></u>		
/J.M.	/	Koßmehl, et al. "Synthe benzthlazolium-2,6-diyle 1141-1463, 1979.	Koßmehl, et al. "Synthesen und Charakterisierung von Poly(5-methylthiazolo-[4,5-f] benzthiazolium-2,6-diylvinylenarylenvinylen) en und einigen Modellverbindungen" Makromol, Chem., vol. 180, pp. 1141-1463, 1979.						
·					· · · · · · · · · · · · · · · · · · ·				
EXAMINER		/John Mabry/ (11/12/20	DATE CONSIDERED	DATE CONSIDERED					
*EXAMINER	R: Initia	I if reference considered, whether	er or not citation is	in conformance with MPEP 609: Draw	line through cit	ation if not in or	onformance a	nd not	

Form PTO-A820 (also form PTO-1449)

considered. Include copy of this form with next communication to applicant.

P09C/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE